

MATERIAL SAFETY DATA SHEET

PRODUCT: CRANEBOARD - Vinyl Siding with Expanded Polystyrene Backing.

ISSUED: 12-09
SUPERSEDES: None
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SECTION I

EXTERIOR PORTFOLIO BY CRANE
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Product Names	Vinyl Siding and Expanded Polystyrene Backing
Product Use	Exterior Siding Product
Trademark	CRANEBOARD

SECTION II – HAZARDOUS INGREDIENTS

Hazard summary Statement: No hazardous ingredients. Vinyl siding is manufactured from PVC polymer, inert fillers, process aids, waxes, colorants and heat stabilizers. Expanded Polystyrene as a finished cellular board, contains less than 1.0 % residual pentane.

SECTION III – PHYSICAL DATA

APPEARANCE: Varies	SPECIFIC GRAVITY: Range NA
ODOR: None	BULK DENSITY: Varies
PERCENT VOLATILES: <1%	FOAM IGNITION TEMPERATURE: 675 ° F
PHYSICAL STATE: Solid	

SECTION IV – FIRE AND EXPLOSION HAZARD DATA

Flash Point	NA	
Flash-Ignition Temperature	NA	The lowest initial temperature of air passing around the specimen at which sufficient combustible gas is evolved to be ignited by a small external pilot flame.
Self-Ignition Temperature:	675 ° F	The lowest initial temperature of air passing around the specimen at which, in absence of an ignition source, ignition occurs of itself, as indicated by an explosion, flame or sustained glow.
Extinguishing Media	Water, ABC dry chemical, protein type air foams. (Carbon dioxide may be ineffective on larger fires due to lack of cooling capacity which may result in reignition.)	
Special Firefighting Procedures	Wear self-contained breathing apparatus (SCBA) in positive pressure mode. Personnel not having suitable respiratory protection must leave the area to prevent significant exposure to toxic combustion gases from any source. In enclosed or poorly ventilated areas, wear SCBA during cleanup immediately after a fire as well as during the attack phase of firefighting operations.	

Unusual Fire and Explosion Hazards: Expanded polystyrene is combustible and adequate protection from sources of ignition should be taken. Hydrogen chloride is a by-product generated during combustion of PVC material.

SECTION V – REACTIVITY

Stability	Stable
Hazardous Polymerization	Will not occur.
Hazardous Decomposition Products	Hydrogen chloride, carbon monoxide, carbon dioxide.
CAUTION! Prolonged heating (approximately 30 minutes or more) of the product above 200°C (392°F) or short term heating at 250°C (482°F) may result in rapid evolution of hydrogen chloride.	
Incompatibility (Materials to Avoid)	Flames and high temperatures

SECTION VI – HEALTH HAZARD DATA

Threshold limit value: Not Established

NATURE OF HAZARD: Dust mask may be needed when fabricating with saws or grinding equipment.

EMERGENCY AND FIRST AID PROCEDURES

Inhalation: Consult physician if irritation of respiratory tract. Remove to fresh air.

Eye Contact: Flush eyes with water for at least 15 minutes while lifting upper and lower eyelids. Seek medical attention if irritation persists.

Skin Contact: Not an anticipated hazard, however, good personal hygiene practices are always recommended for material handling.

Ingestion: Not an anticipated hazard.

SECTION VII – SPILL AND LEAK PROCEDURE

Waste disposal method: Dispose of waste in accordance with all federal, state/provincial and local regulations.

SECTION VIII – SPECIAL PROTECTION INFORMATION

Respiratory Protection: Wear a NIOSH/MSHA – approved respirator specific for chemicals listed in Section II and VI, as applicable, when concentrations exceed those limits listed. Comply with OSHA 1910.134 (29 CFR).

Protective Equipment: Safety glasses should be worn during cutting and grinding.

SECTION IX – SPECIAL PRECAUTIONS

None

SECTION X - TRANSPORTATION

For domestic transportation purposes, vinyl compounds are not classified as hazardous by the U.S. Department of Transportation under Title 49 of the Code of Federal Regulations, 1983 Edition.

DOT Proper Shipping Name:	Not applicable
DOT Hazard Class:	Not applicable
DOT Label:	Not applicable
UN/NA Hazard No:	Not applicable

User's Responsibility

This bulletin cannot cover all possible situations which the user may experience during processing. Each aspect of the user's operation should be examined to determine if, or where, additional precautions may be necessary. All health and safety information contained within this bulletin should be provided to the user's employees or customers. We must rely upon the user to utilize this information to develop appropriate work practice guidelines and employee instructional programs for his or her operation.

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